

# **Columbia River Salmon and Sturgeon Allocation**

October 2005

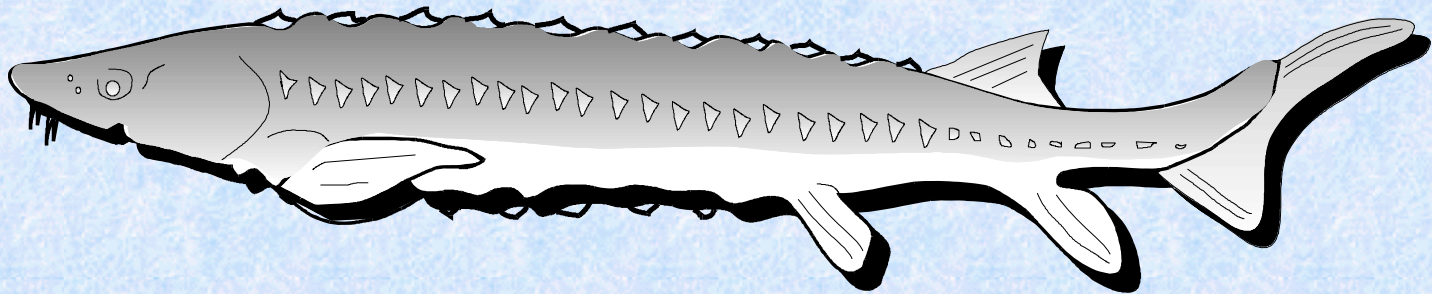
Washington Department of Fish and Wildlife  
Oregon Department of Fish and Wildlife

# Topics for Consideration

- Columbia River White Sturgeon Management
- Fall Chinook Allocation
- Summer Chinook Allocation
- Spring Chinook Allocation
- Wild Winter Steelhead Incidental Impacts

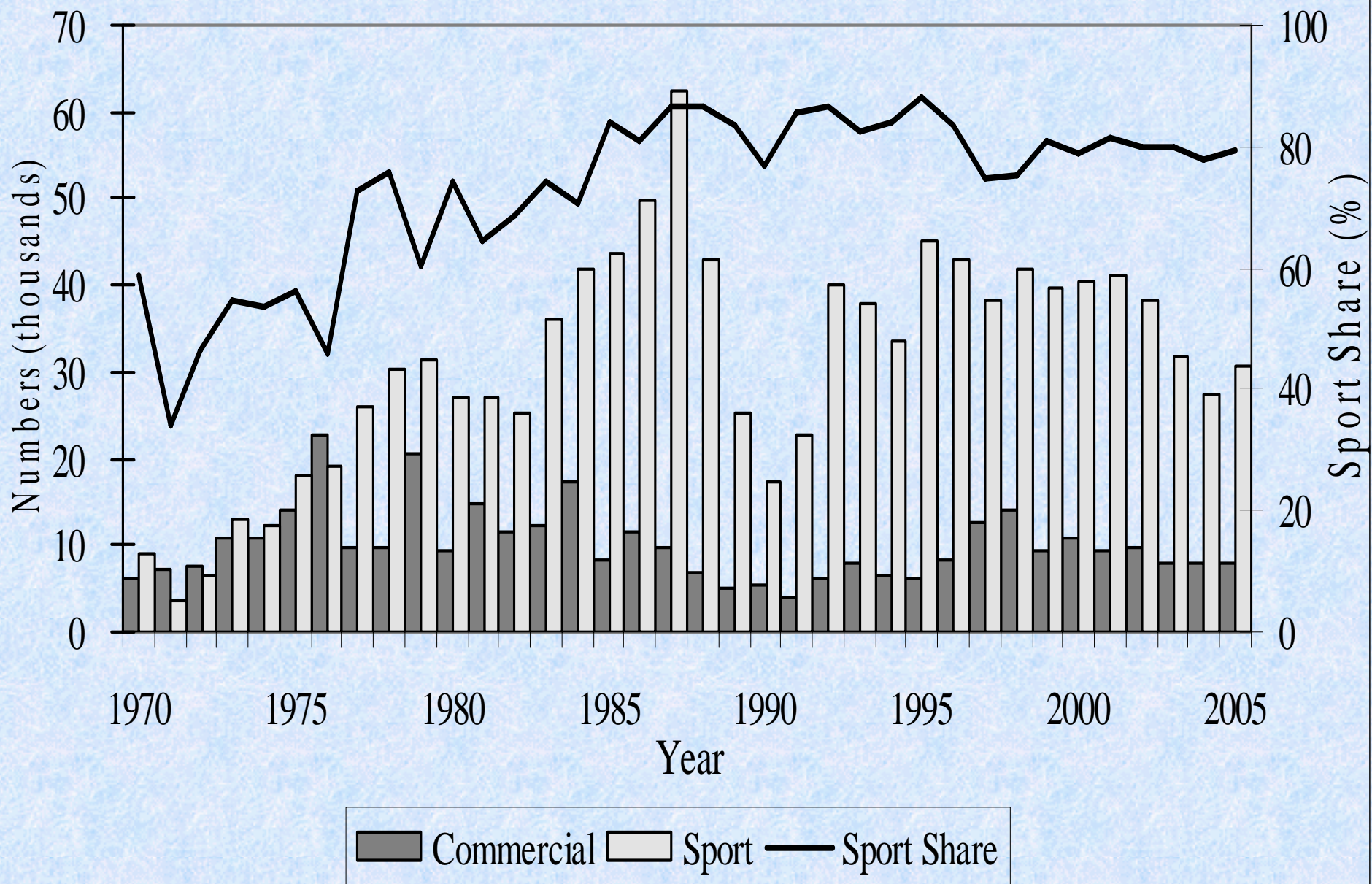
# White Sturgeon Management

- Historic management perspective
- Previous Washington/Oregon Accords
- Population status
- Broodstock protection
- Allocation
- Fork length vs total length





# White Sturgeon Sport & Commercial Catch



# WS Carcasses

Year	Total #	% with hooks
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1994	20	13
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1995	16	8
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1996	9	20
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1997	18	11
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1998	24	30
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1999	13	21
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2000	28	43
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2001	25	47
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2002	19	40
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2003	<u>40</u>	<u>29</u>
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Average	21	26
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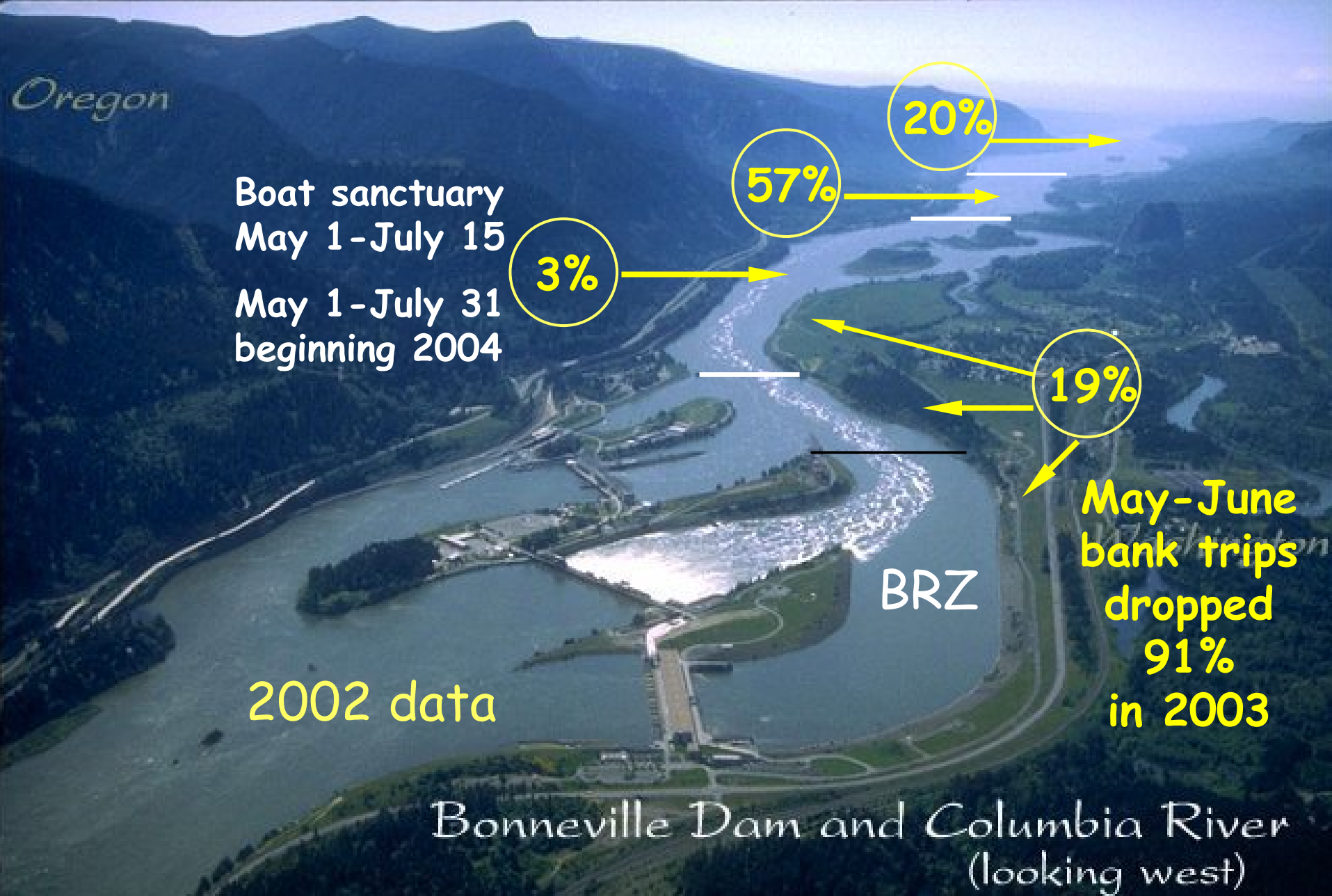
2004	32	3
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2005	8	3
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# Distribution of Gorge Oversize Handle



# Fork Length Conversion

Total Length	Fork Length	Fork Length	Total Length
42	37.9	38	42.12
45	40.6	40	44.33
48	43.31	43	47.66
60	54.14	54	59.85

# Fall Chinook

- Comprised of five major stock components
- Stocks of concern can vary annually
- The URB (Upriver Bright) stock has been the limiting component in recent years.
- Allocations developed annually through the North of Falcon (NOF) process



# Fall Chinook Mainstem Harvest

Adult Harvest sharing of Total Fall Chinook				
	Chinook Harvest		Percent of Total harvest	
	Sport	Commercial	Sport	Commercial
<b>2000</b>	18,100	10,833	63%	37%
<b>2001</b>	29,000	21,487	57%	43%
<b>2002</b>	47,600	34,949	58%	42%
<b>2003</b>	50,200	58,428	46%	54%
<b>2004</b>	43,300	41,057	51%	49%
<b>5-yr Ave</b>	<b>37,640</b>	<b>33,351</b>	<b>55%</b>	<b>45%</b>

# URB Mainstem Harvest

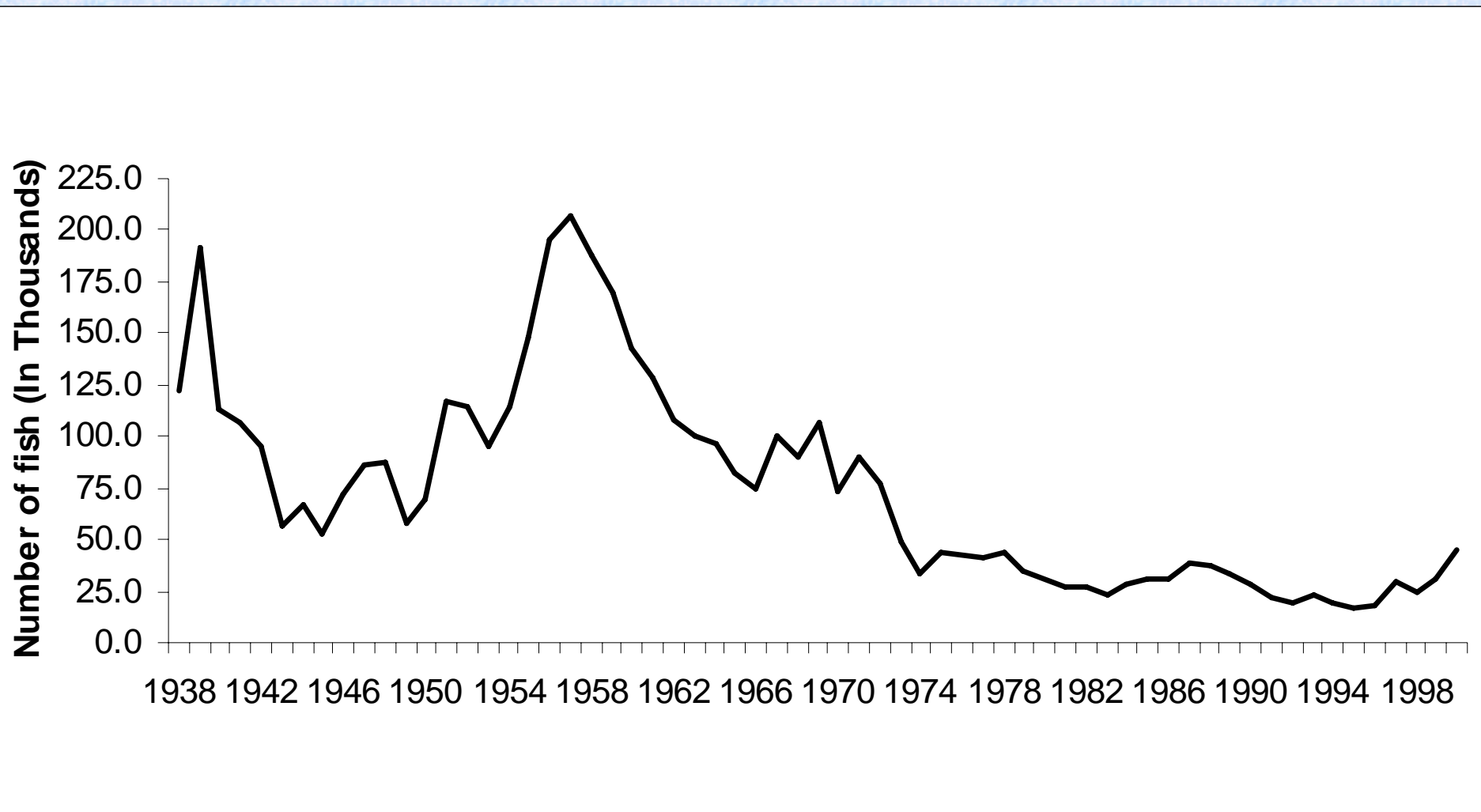
Adult Harvest sharing of Fall URB Chinook				
	URB Harvest		Percent of URB Harvest	
	Sport	Commercial	Sport	Commercial
<b>2000</b>	6,500	4,600	59%	41%
<b>2001</b>	5,600	9,300	38%	62%
<b>2002</b>	13,500	6,100	69%	31%
<b>2003</b>	16,500	15,800	51%	49%
<b>2004</b>	13,300	18,800	41%	59%
<b>5-yr Ave</b>	<b>11,080</b>	<b>10,920</b>	<b>52%</b>	<b>48%</b>

# Summer Chinook

- Significant fisheries have not occurred in four decades
- New *U.S. v Oregon* agreement
- No current non-treaty allocation policies
- Upper Columbia Management Plan and Colville Tribal agreement in progress
- Lower Columbia fisheries occurred in 2005

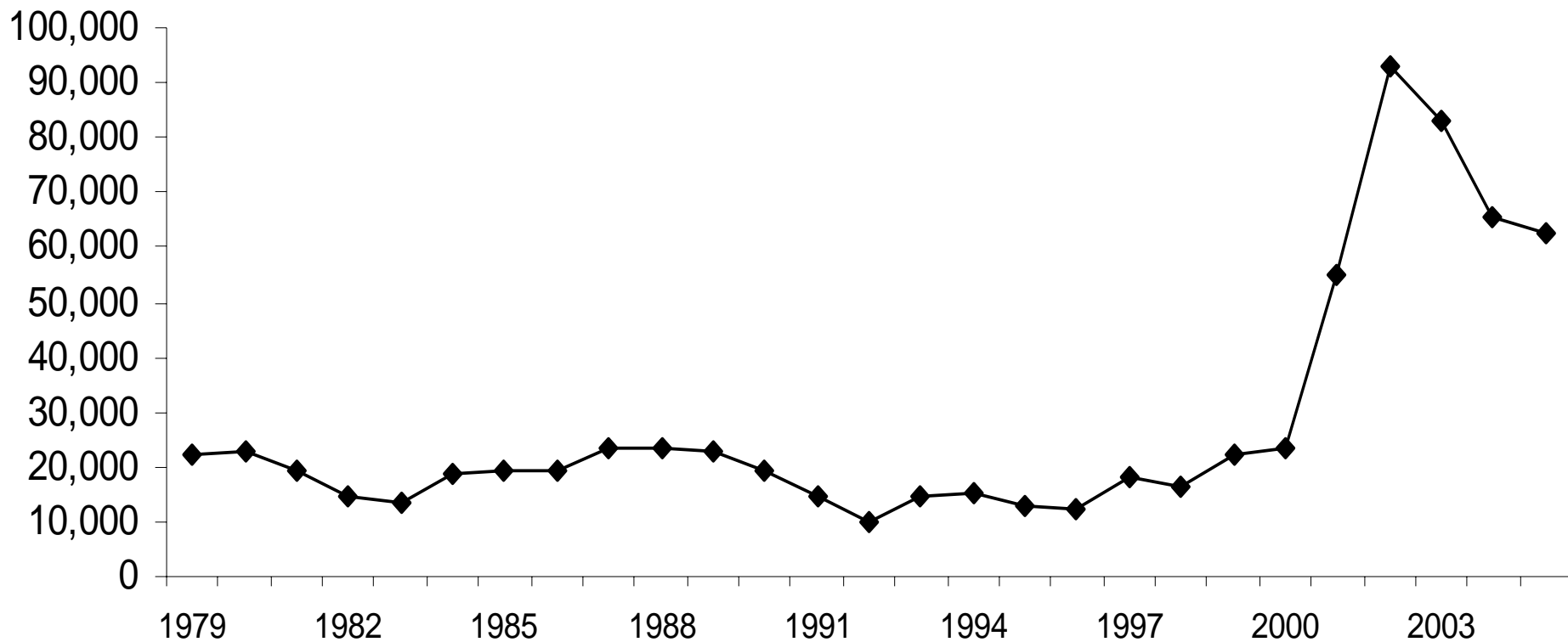


# Upriver Summer Chinook Run Sizes



Includes chinook destined for areas above Priest Rapids Dam and Snake River, adults and jacks, 1938-2000.

# Upper Columbia Summer Chinook Run Sizes



Adults fish destined for areas above Priest Rapids Dam, 1979-2005

# Spring Chinook

- New opportunity for fisheries
- *U.S. v Oregon* agreements
- Previous two-year agreements began in 2002
- Allocation based on equitable sharing



# Spring Chinook Allocation

**Table 4. Preseason and Post-Season Upriver Spring Chinook**

	Sport				Commercial		
		Impact Rate				Impact Rate	
Year	Allocation	Pre	Post		Allocation	Pre	Post
2000	50%	0.10%	0.10%		50%	0.10%	0.10%
2001	47%	0.80%	0.80%		53%	0.90%	0.80%
2002	60%	1.00%	1.00%		40%	0.70%	0.70%
2003	65%	1.10%	0.90%		35%	0.60%	0.60%
2004	60%	1.20%	1.30%		40%	0.80%	1.10%
2005	60%	1.20%	0.80%		40%	0.80%	0.70%

# Spring Chinook Sport

Year	Angler Trips	Catch	Upriver Run	Total Run
2000	9,900	300	178,700	253,500
2001	172,300	25,800	416,500	531,000
2002	175,100	21,600	295,100	471,500
2003	160,800	<b>18,900</b>	208,900	401,100
2004	156,100	24,500	193,400	411,100
2005	108,100	<b>11,700</b>	105,000	190,000



# Commercial Spring Chinook Harvest

**Table 8. Main-stem Commercial Fishery**

Year	Fish	Pounds	Price per pound
2000	500	9,400	\$4.97 lb.
2001	<b>6,700</b>	114,700	\$4.10 lb.
2002	<b>14,400</b>	225,800	\$4.18 lb.
2003	3,200	59,500	\$4.67 lb.
2004	13,200	166,000	\$3.88 lb.
2005	5,400	82,600	\$4.15 lb.



# Wild Winter Steelhead

- Incidental handle in spring Chinook commercial fishery
- NMFS provided increased rate in 2005
- Incidental rate is consistent with recovery
- WA Commission  $<2\%$ , not to exceed  $4\%$
- OR Commission  $<2\%$
- Risk assessment in progress for 2006

# Wild Winter Steelhead Impacts

Recent Impacts to Lower Columbia Wild Winter Steelhead by Mainstem Columbia Spring Chinook Fisheries <sup>1</sup>			
Year	Run Size	Sport	Commercial
2000		<0.1%	<1.0%
2001		<0.1%	<1.0%
2002	38,000	<0.1%	4.9-14.5%
2003	26,700	<0.1%	1.0%
2004	32,200	<0.1%	0.80%
2005	17,000 <sup>2</sup>	<0.1%	0.40%

1. *2% cap in place since 1999 on impacts by the mainstem Columbia spring Chinook fisheries on wild winter steelhead.*

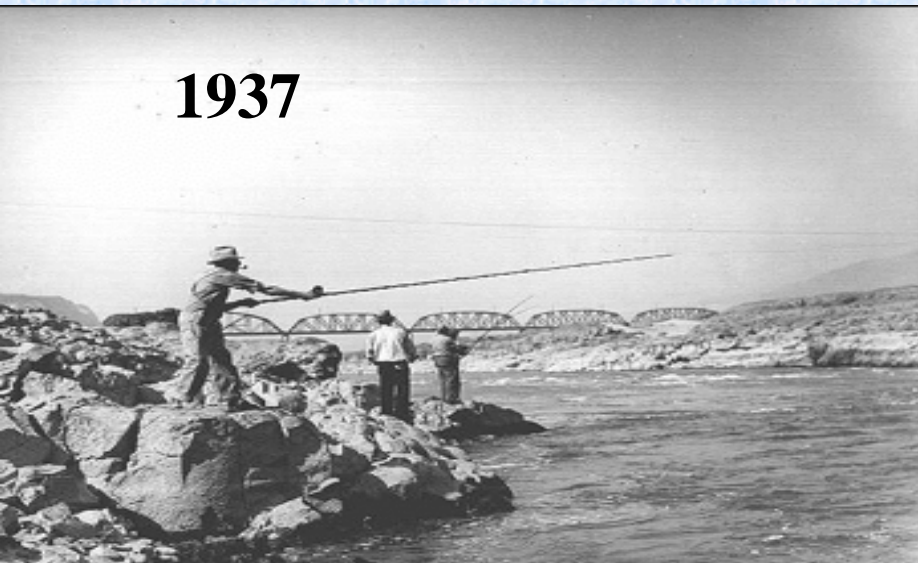
2. *Very preliminary.*



# Summary

- Joint WA/OR Commission meeting November 3
- Detailed briefing papers October 19
- Decisions in December, January and February
- Concurrent WA/OR rules
- 5-year agreements with off-ramps

1937



1880

